

Line 3, Please change "34-37" to --25, 26, 28 & 29--

Line 4, Please change "140-143" to --31, 32, 34 & 35--

Line 4, Please delete "90-93"

Line 5, Please change "130" to --30--

Line 6, Please change "34-37" to --25, 26, 28 & 29--

Line 6, Please delete "180-184, respectively,"

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Line 20. After "concepts of the present invention," please insert --Figure 30 illustrates a block diagram of a cardiac assist system;--

In the Claims

Please amend Claim 1 as follows.

- a1
1. (Amended) A cardiac assist system, comprising:
- a primary device housing; and
 - said primary device housing having a control circuit therein;
 - a lead system to transmit and receive signals between a desired anatomical cardiac tissue region and said primary device housing;
 - said lead system including a sensing and stimulation system at a lead interface with the desired anatomical cardiac tissue region;
 - said sensing and stimulation system including optical sensing components to detect physiological signals from the desired anatomical cardiac tissue region and electrical sensing components to detect physiological signals from the desired anatomical cardiac tissue region.
- a2

REMARKS

The Applicants respectfully request that the Examiner enter the amendments above before examining this application. No new subject matter has presented with these preliminary amendments.

Accordingly, in view of the submitted amendments, the Examiner is respectfully requested to issue an early indication of allowability.